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Commissioner for Patents

Serial No. 09/933,798

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

Claim 1 (Currently amended) An ~~integrated~~-waterproofing membrane to be applied on a ~~surface-substrate~~ comprising a middle layer of bitumen based waterproofing material having opposite first and second sides and having a thickness of from 0.5 mm to 4 mm; said waterproofing material having the property of outwardly diffusing under the action of heat, said first side being fixedly coated with an layer of impervious surfacing material composed of matter that is incapable of transuding and which is directly adherent-adhered to said waterproofing material first side of the middle layer when applied thereto; a support sheet layer made of a porous material said second side being coated with a solid, porous adherent and having a first and second surface with the first surface directly adhered support sheet composed of material allowing passage of diffusing portions of said waterproofing material through the pores of said adherent support sheet, said diffusing portions contacting a surface on which said integrated waterproofing membrane is to be applied to the second side of the middle layer by means of the waterproofing material transuding partially into the pores of the support sheet; and an adhesive coating to be partially transuded into the pores of the support sheet and to be adhered to the substrate.

Claim 2 (Cancelled)

Claim 3 (Cancelled)

²
Claim ~~4~~ (Currently amended) The ~~integrated~~-waterproofing membrane of claim ~~3~~, wherein said bitumen is a polymer-modified asphalt.

Claim 5 (Cancelled)

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⁴
Claim ~~6~~ (Currently amended) The ~~integrated~~-waterproofing membrane of claim 1, wherein said impervious surfacing material is a material that is incapable of transuding and ~~is~~ selected from the group consisting of a polymer, a resin, a plastic, a metal, a polyester, a polypropylene, a polybutylene, a polyimide, a polycarbonate, a polyamide, a polyethylene, a polystyrene, a polyvinylchloride, a fluoroplastic, a sulfone polymer, and a polyvinylidene chloride.

⁵
Claim ~~7~~ (Currently amended) The ~~integrated~~-waterproofing membrane of claim 1, wherein said support sheet is composed of fiber, said fiber comprising Kraft paper, a fabric, or a mixture thereof.

³
Claim ~~8~~ (Currently amended) The ~~integrated~~-waterproofing membrane of claim ~~14~~, wherein said waterproofing material further comprises up to 40% by weight of a filler.

⁶
Claim ~~9~~ (Currently amended) The ~~integrated~~-waterproofing membrane of claim 1, wherein said waterproofing material comprises between 50 to 100% of bitumen, and up to 50% by weight of at least one copolymer, wherein combination of said bitumen and said copolymer forms 100% of said waterproofing material.

⁷
Claim ~~10~~ (Currently amended) The ~~integrated~~-waterproofing membrane of claim ~~9~~, ⁶ wherein said copolymer is styrene-butadiene-styrene, ethylene, propylene, butene, a derivative or a mixture thereof.